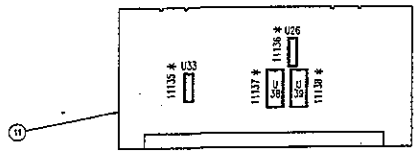
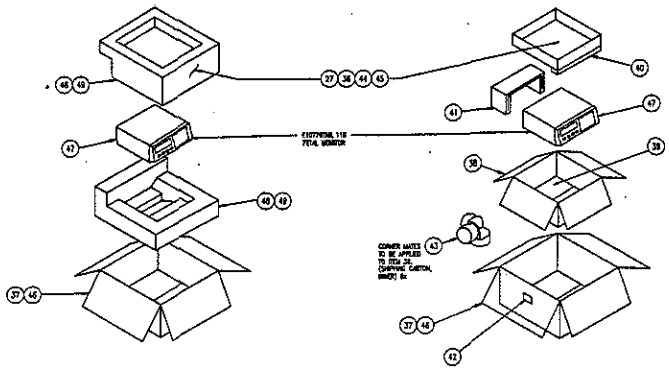
NOTES:

1. LINE CORD (ITEM 9) NOT SHOWN.
2. LOCATE SERIAL NO. LABEL (ITEM 6) IN SUITABLE OPEN AREA ON REAR PANEL.
3. POWER ENTRY MODULE COVER MUST BE REMOVED TO SELECT 100V, 120V, 220, OR 240V. LOCATE INDICATOR PIN ON VOLTAGE SELECTOR CARD IN PROPER HOLE MOUNT PROPER FUSE(S) AND REPLACE COVER.
4. CUT TY-WAP GROUPING DISCRETE AND COAX CABLES COMING FROM THE FRONT PANELS ULTRASOUND 1 AND ULTRASOUND 2 CONNECTORS PRIOR TO INSTALLING FRONT PANEL TO CHASSIS.
5. FOR MOTHER BOARD BLOCK DIAGRAM SEE D 10750AA.
6. FOR OVERALL WIRING DIAGRAM SEE D 10864AA.
7. FOR MODEL 118 SERVICE MANUAL SEE P 11257AA.

* DENOTES LATEST REV.

10622 * CPU BD.





PART NO.	REV	LANGUAGE	DESCRIPTION	PAPER	CATALOG NO.
E 10770U	02	DEMark	220V/50-60HZ, CDR W/ SpO2	INT	01184DP
E 10770T	02	GERMAN	220V/50-60HZ, CDR W/BP	INT	01184EP
E 10770S	01	GERMAN	220V/50-60HZ, CDR W/BP & SpO2	INT	01184FP
E 10770R	02	FRENCH	220V/50-60HZ, FRN W/ SpO2	INT	01185DP
E 10770Q	02	FRENCH	220V/50-60HZ, FRN W/BP	INT	01185EP
E 10770P	02	FRENCH	220V/50-60HZ, FRN W/BP & SpO2	INT	01185FP
E 10770N	02	JAPANESE	100V/50-60HZ, JAP W/ SpO2	DOM	01183DP
E 10770M	02	JAPANESE	100V/50-60HZ, JAP W/BP	DOM	01183EP
E 10770L	02	JAPANESE	100V/50-60HZ, JAP W/BP & SpO2	DOM	01183FP
E 10770K	06	ENGLISH	240V/50-60HZ, ENG, UK W/ SpO2	INT	01180DP
E 10770J	07	ENGLISH	240V/50-60HZ, ENG, UK W/BP	INT	01181DP
E 10770H	06	ENGLISH	240V/50-60HZ, ENG, UK W/BP & SpO2	INT	01180EP
E 10770G	06	ENGLISH	220V/50-60HZ, ENG, EC W/ SpO2	INT	01180DP
E 10770F	07	ENGLISH	220V/50-60HZ, ENG, EC W/BP	INT	01181EP
E 10770E	06	ENGLISH	220V/50-60HZ, ENG, EC W/BP & SpO2	INT	01180EP
E 10770D	07	ENGLISH	120V/50-60HZ, DOM, MON/BP & SpO2 (BASIC)	DOM	01181AA
E 10770C	09	ENGLISH	120V/50-60HZ, DOM, W/ SpO2	DOM	01180AA
E 10770B	08	ENGLISH	120V/50-60HZ, DOM, W/BP	DOM	01181AA
E 10770A	14	ENGLISH	120V/50-60HZ, DOM, W/BP & SpO2	DOM	01180AA

NOTE: FOR ADDITIONAL CAT. NOS. SEE E11615TAB

REFERENCE DESIGNATION	PART NUMBER	DESCRIPTION
	3540023	SCR, #4-40 X 3 1/8 LG, PHIL PAN HD
NOT SHOWN	1760063	ASSORTMENT PACK ASP2
NOT SHOWN	4033AAY	INTERMEDIATE CBL, FOR SENSOR
NOT SHOWN	5333CAD	CUFF, ADULT, LARGE
NOT SHOWN	5331CAD	CUFF, ADULT, SMALL
NOT SHOWN	5332CAD	CUFF, ADULT
NOT SHOWN	5339CAD	AIR HOSE FOR SINGLE - TUBE CUFF
	B 11311AA	BAR, LATCH
	3540065	SCR SCREW, #4-40 x 3/16 LG, SOCKET HD
	1800019	SEALANT MED, BLUE, LOCTITE 242
	4099A1A	SHRINK TUBING, PVC BLACK 1", 0
	4080065	3/4 TY-WAP MOUNT
	1800005	FERRITE BEAD
	1800063	FOAM-IN-PLACE, COMP "B"
	1800064	FOAM-IN-PLACE, COMP "A"
	4100068	POLY BAG-GENERATOR
	4100013	TAPE, REINFORCED
	4100069	AIR CAP
	4100070	GAS, PORT (10 x 15)
	4100062	CORRITY BARCS
	B 11307AA	LABEL, SHIPPING-GER (0118GDP)
	B 11305AA	LABEL, SHIPPING-DOM (0118HDP)
	B 11307AA	LABEL, SHIPPING-DOM (0118HDP)
	B 11307AA	LABEL, SHIPPING-GER (0118HDP)
	C 10870AA	C/S FILLER, OUTER
	C 10871AA	C/C TOP TRAY
	4100101	CLEARANCE, LARGE FEL
	C 10872AA	SHIPPING CARTON-INNER
	C 10877AA	SHIPPING CARTON-OUTER-GER
	C 10763BA	SHIPPING CARTON-OUTER
	1120AAA	OPERATORS MANUAL
NOT SHOWN	A 2013AA	CAUTION TAG
	B 8611CA	LABEL, VOLTAGE OVERLAY-240V/50-60
	B 8611BA	LABEL, VOLTAGE OVERLAY-120V/50-60
	3540115	WASH, #4 FLAT
	2860518	SCR, #6-32 x 5/16 LG PHIL PAN HD
	2540074	SCR, #4-40 x 3/4 LG PHIL PAN HD
	B 10773AA	MOUNTING BRACKET
	4100029	MMP MODULE-LOW PROFILE-PUNCHOUT
	C 10775A	PC BRD ASSEMBLY - MEDIUM SPO2 MODULE
NOT SHOWN	C 8744AA	CHART PAPER -GER SCALE
NOT SHOWN	C 8744AA	CHART PAPER-US SCALE
	C 10778A	CABLE ASSY, SP TO MOTHER BD
	B 10778A	CABLE ASSY, NELLCOR (SPO2) TO MOTHER BD
	4080A38	FT-SMP
	5100375	FUSE, 1.6A TIME LAG
	5100469	FUSE, 1.6A SUPER TIME LAG
	5100736	FUSE, 1.50 AMP SLO-BLO
	2860513	SCR, #6-32 x 3/16 LG PHIL PAN HD
	PL 10868A	OPTION SHEET-118
	3860511	WASH, 6/8 FLAT
	2880079	SCR, #10-32 x 5/8 LG PHIL PAN HD
	3880614	WASH, #4 FLAT
	2540072	SCR, #4-40 x 5/16 LG PHIL PAN HD
	B 3864804	SR, LOCK PLATE MED-GER
	B 3864805	SR, LOCK PLATE MED-FRN
	B 3864806	SR, LOCK PLATE MED-JAP
	B 3864844	SR, LOCK PLATE MED-ENG
	B 11303A	ASSY, P.C. HOLDDOWN BRACKET
	C 10871A	P.C. BD. ASSY-MSBRN
	D 9413D	P.C. BD. ASSY-ULTRASOUND
	C 7631F	P.C. BD. ASSY-MULTIFUNC, EC APPROVED
	C 7911F	P.C. BD. ASSY-MULTIFUNC
PHANTOM	P.A. 10826C	CPU BRD. & PROM ASSY.
	C 7637B	P.C. BD. ASSY-CDP
NOT SHOWN	6000LM	LINE CORD ASSY-NOR
NOT SHOWN	6000AB	LINE CORD ASSY-EURO
NOT SHOWN	6000GB	LINE CORD ASSY-SWI
	B 4280AA	LABEL, SERIAL NO. LG
	B 3473AA	LABEL, SERIAL NO.
	3860515	SCR, #6-32 x 1/2 LG PHIL PAN HD
	3860513	WASH, #6 FLAT
	B 5972CA	SHARCER LABEL, SHRP-GER
	B 5972AA	SHARCER LABEL, SHRP-FRN
	B 5972BA	SHARCER LABEL, SHRP-JAP
	B 5972AA	SHARCER LABEL, SHRP-ENG
	C 5737AA	TOP COVER
	C 10758M	FRONT BEZEL ASSY-GER, W/SpO2
	C 10758M	FRONT BEZEL ASSY-GER, W/MBP
	C 10758M	FRONT BEZEL ASSY-GER, W/SpO2, MBP
	C 10758L	FRONT BEZEL ASSY-FRN, W/SpO2
	C 10758P	FRONT BEZEL ASSY-FRN, W/MBP
	C 10758P	FRONT BEZEL ASSY-FRN, W/SpO2, MBP
	C 10758J	FRONT BEZEL ASSY-JAP, W/SpO2
	C 10758J	FRONT BEZEL ASSY-JAP W/MBP
	C 10758J	FRONT BEZEL ASSY-JAP W/SpO2, MBP
	C 10758K	FRONT BEZEL ASSY-ENG, ENG UK-EC, W/SpO2
	C 10758N	FRONT BEZEL ASSY-ENG, ENG UK-EC, W/MBP
	C 10758Q	FRONT BEZEL ASSY-ENG, UK-EC, W/SpO2, MBP
	C 10758A	FRONT BEZEL ASSY-ENG, NON-SpO2, MBP
	C 10758H	FRONT BEZEL ASSY-ENG, 120 V, W/SpO2
	C 10758G	FRONT BEZEL ASSY-ENG, 120 V, W/MBP
	C 10758H	FRONT BEZEL ASSY-ENG, W/MBP,SpO2
	D 11414E	REAR PANEL ASSEMBLY-GER
	D 11414E	REAR PANEL ASSEMBLY-FRN
	D 11414E	REAR PANEL ASSEMBLY-JAP
	D 11414E	REAR PANEL ASSEMBLY-ENG
	D 10864AA	CHARACT ASSEMBLY, MAINS
	D 10864C	CHARACT ASSEMBLY-STANDARD, DOM.

REV B

REV A

PROPRIETARY & CONFIDENTIAL

THE INFORMATION AND THE INTELLECTUAL PROPERTY CONTAINED HEREIN IS CONFIDENTIAL AND PROPRIETARY TO CRITIKON, INC. AND MAY NOT BE COPIED OR DISCLOSED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF CRITIKON, INC.

B	R. BARNES	12/27/93
A	D.WETMILL	9/27/93
	D. SEIDLER	5/28/93
APPROVED		5/28/93

CRITIKON, A JOHNSON & JOHNSON COMPANY

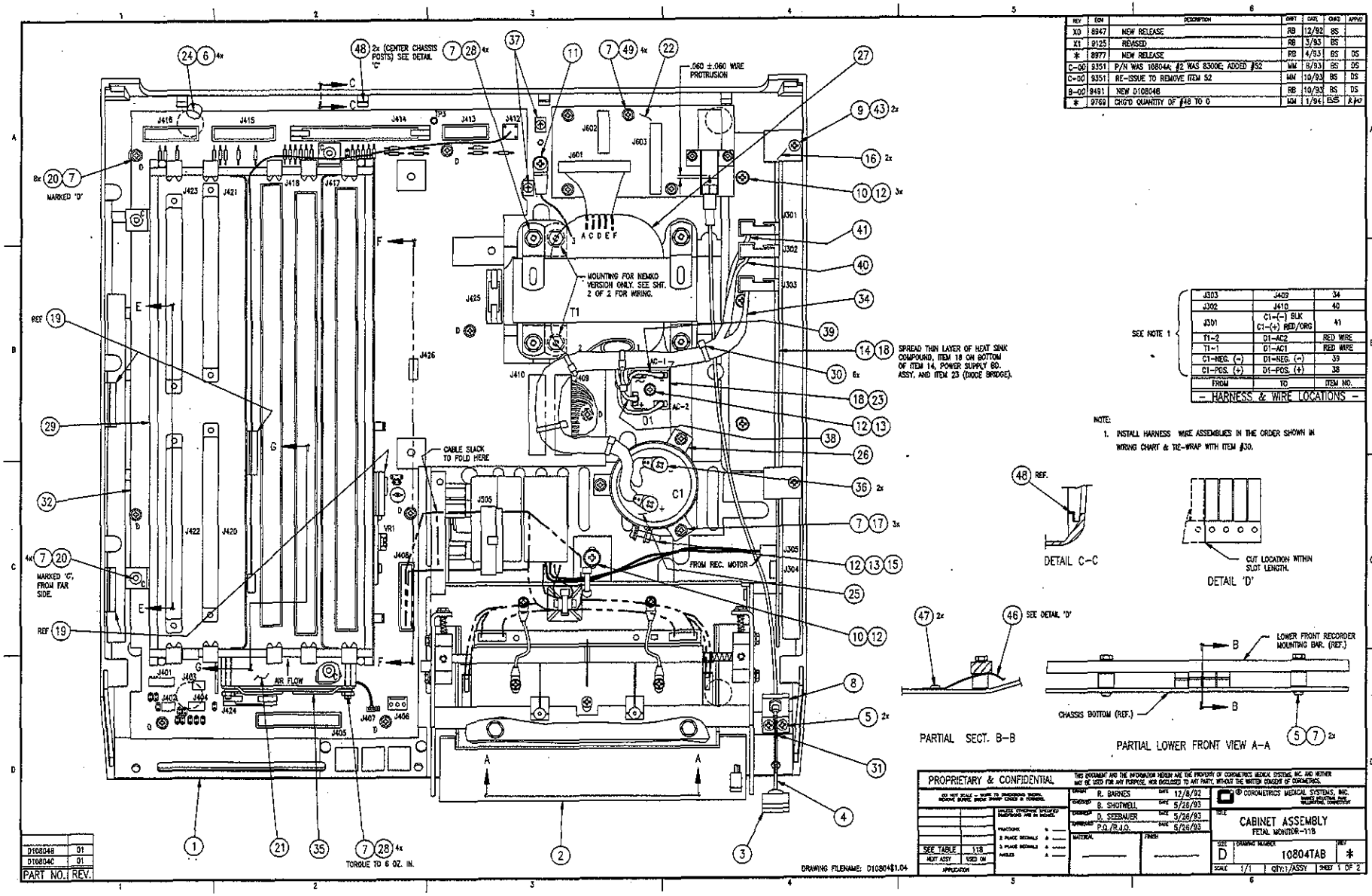
TITLE: FINAL ASSEMBLY

MATERIAL: FETAL MONITOR-118

SIZE	DRAWING NUMBER	REV
C	10770TAB	*

SCALE 1/1 SHEET 2 OF 2

DRAWING FILENAME: E10770S2.11


MOUNTING FOR NEMKO VERSION ONLY. SEE SHT. 2 OF 2 FOR WIRING.
SPREAD THIN LAYER OF HEAT SINK COMPOUND, ITEM 18 ON BOTTOM OF ITEM 14, POWER SUPPLY 80. ASSY, AND ITEM 23 (DIODE BRIDGE).
CABLE SLACK TO FOLD HERE
FROM REC. MOTOR
AIR FLOW
TORQUE TO 6 OZ. IN.
.060 ±.060 WIRE PROTRUSION
MARKED 'D'
MARKED 'C', FROM FAR SIDE
REF
2x (CENTER CHASSIS POSTS) SEE DETAIL 'C'
DETAIL C-C
DETAIL 'D'
CUT LOCATION WITHIN SLOT LENGTH.
PARTIAL SECT. B-B
PARTIAL LOWER FRONT VIEW A-A
LOWER FRONT RECORDER MOUNTING BAR. (REF.)
CHASSIS BOTTOM (REF.)
SEE DETAIL 'D'
DRAWING FILENAME: D10804$1.04

REV	ECN	DESCRIPTION	DRFT	DATE	CHKD	APPVD
X0	8947	NEW RELEASE	RB	12/92	BS	
X1	9125	REVISED	RB	3/93	BS	
*	8977	NEW RELEASE	RB	4/93	BS	DS
C-00	9351	P/N WAS 10804A; #2 WAS 8300E; ADDED #52	MM	8/93	BS	DS
C-00	9351	RE-ISSUE TO REMOVE ITEM 52	MM	10/93	BS	DS
B-00	9491	NEW D10804B	RB	10/93	BS	DS
*	9769	CHG'D QUANTITY OF #48 TO 0	MM	1/94	BS	RJO

J303	J409	34
J302	J410	40
J301	C1-(-) BLK C1-(+) RED/ORG	41
T1-2	D1-AC2	RED WIRE
T1-1	D1-AC1	RED WIRE
C1-NEG. (-)	D1-NEG. (-)	39
C1-POS. (+)	D1-POS. (+)	38
FROM	TO	ITEM NO.

SEE NOTE 1

– HARNESS & WIRE LOCATIONS –

NOTE:
1. INSTALL HARNESS WIRE ASSEMBLIES IN THE ORDER SHOWN IN WIRING CHART & TIE-WRAP WITH ITEM #30.

PART NO.	REV.
D10804B	01
D10804C	01

PROPRIETARY & CONFIDENTIAL

THIS DOCUMENT AND THE INFORMATION HEREIN ARE THE PROPERTY OF COROMETRICS MEDICAL SYSTEMS, INC. AND NEITHER MAY BE USED FOR ANY PURPOSE, NOR DISCLOSED TO ANY PARTY, WITHOUT THE WRITTEN CONSENT OF COROMETRICS.

DO NOT SCALE – REFER TO DIMENSIONS SHOWN. ADJACENT PARTS SHOWN FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE AS SHOWN.

FRACTIONS ±
2 PLACE DECIMALS ±
3 PLACE DECIMALS ±
ANGLES ±

SEE TABLE	118
NEXT ASSY	USED ON
APPLICATION	

DRAWN	R. BARNES	DATE 12/8/92
CHECKED	B. SHOTWELL	DATE 5/26/93
ENGINEER	D. SEEBAUER	DATE 5/26/93
APPROVED	P.Q. /R.J.O.	DATE 5/26/93

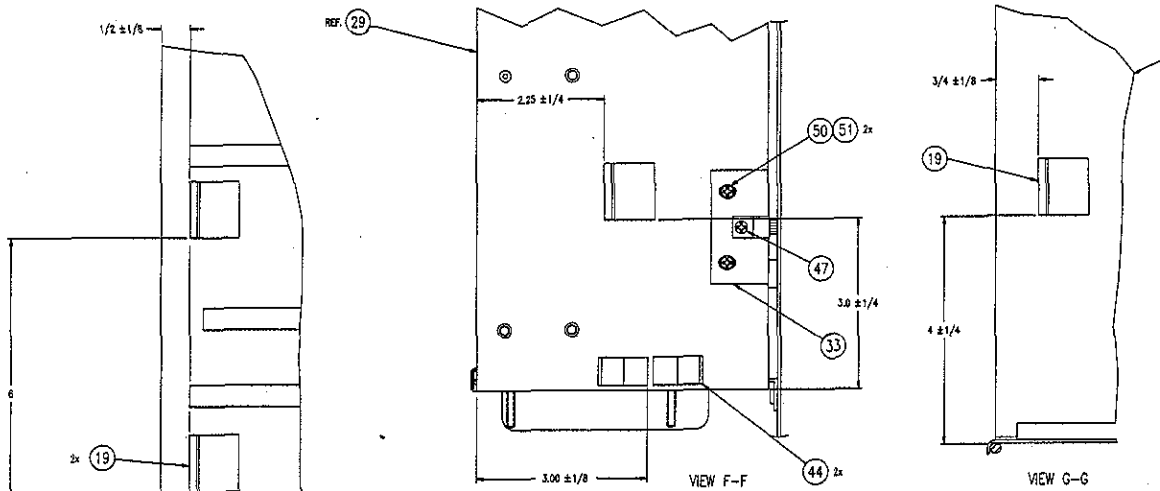
MATERIAL —
FINISH —

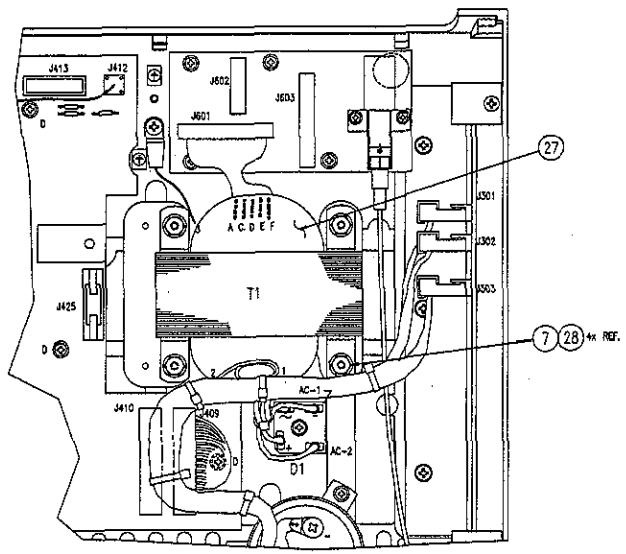
COROMETRICS MEDICAL SYSTEMS, INC. WALLINGFORD, CONNECTICUT

TITLE: CABINET ASSEMBLY
FETAL MONITOR-118

SIZE	DRAWING NUMBER	REV
D	10804TAB	*

SCALE 1/1 | QTY:1/ASSY | SHEET 1 OF 2





NEMKO WIRING
PARTIAL TOP VIEW

REV	ECN	DESCRIPTION	DRFT	DATE	CHKD	APPRD
—	—	SEE SHEET 1 OF 2 FOR REVS.	—	—	—	—

QUANTITY B	QUANTITY C	ITEM	REFERENCE DESIGNATION	PART NUMBER	DESCRIPTION
2	2	51		285014	FLAT WASH, #6, SS .125 ID, .218 OD
2	2	50		284078	SCR, #4-40 x 3/16 LG, PHIL LL PAN HD.
4	4	48		286517	SCR, #6-32 x 1/2 LG PHIL PAN
0	0	48		310039	POLYFOAM, 1/4" W, 1/2" LG, 1/8" THK
3	3	47		284077	SCR, #4-40 x 1/8 PHIL PAN HD
.083"	.083"	46		140150	GROUND SHIELD, 1" LG ±.010
		45			
2	2	44		606134	CLIP, 1/4 DIA. SINGLE
0	0	43		150022	GE GLYPTAL
		42			
1	1	41	J501	C8492A	ASSY HARNESS, P501-P.S. TO M'BD.
1	1	40	J502	C8488A	ASSY HARNESS, P410-P.S. TO M'BD.
1	1	39		B85018	WIRE ASSY, BLK--CAP TO DIODE
1	1	38		B8501A	WIRE ASSY, RED--CAP TO DIODE
2	2	37		A54078A	LABEL, GROUND SYMBOL
2	2	36		289005	SCR, #10-32 x 1/4 LG PHIL PAN HD
1	1	35		250029	GUARD, FAN
1	1	34	J503	C8489A	ASSY HARNESS, POWER SUPPLY
1	1	33		B10985AA	HEAT SINK
1	1	32		D 10725A	MOTHERBOARD ASSY
1	1	31		250103	SPRING COMPRESSION
6	6	30		608036	TY-RAP
1	1	29		D 10771AA	CARD CAGE
8	8	28		281562	NUT, #6-32 HEX, ESNA
1	X	27	T1	C7852B	ASSY, TRANSFORMER--NEMKO
X	1	27	T1	C7852A	ASSY, TRANSFORMER-- DOMESTIC
1	1	26		280011	BRACKET, CAP 2"CAP
1	1	25	C1	152110	CAP, ELECT, 50 WV, 16000uf
4	4	24		140056	RUBBER FOOT
1	1	23	D1	462508	DIODE BRIDGE
1	1	22		C8450A	ASSY, PC BD POWER SW
1	1	21		B 10884A	ASSY, FAN/CABLE
12	12	20		286514	SCR, #6-32 x 3/8 LG PHIL PAN HD
4	4	19		608065	CABLE CLAMP, ADHESIVE-BACKED
A/R	A/R	18		160021	HEAT SINK COMPOUND
3	3	17		286512	SCR, #6-32 x 1/4 LG PHIL PN HD
2	2	16		B8338AA	STANDOFF, HOLD-DOWN, PWR MODULE
1	1	15		281575	NUT, #8-32 HEX ESNA
1	1	14		D8370BA	ASSY, POWER SUPPLY BD PURCH
2	2	13		288515	SRC #8-32 x 5/8 LG PHIL PAN HD
6	6	12		285016	WASH, #8 FLAT
1	1	11		286513	SCR, #6-32 x 3/16 LG PHIL LL PAN HD
4	4	10		288512	SCR, #8-32 x 5/16 LG PHIL PAN HD
2	2	9		286278	SCR, #6-32 x 1/4 LG PHIL FLAT HD
1	1	8		B7961AA	BRACKET, CABLE
29	29	7		285015	WASH, #6 FLAT
4	4	6		A10142AA	SCR, #6-32 PARTIAL THD, PHIL LL STRIP
4	4	5		286515	SCR, #6-32 x 5/16 LG PHIL PAN HD
1	1	4		C7963AA	POWER SWITCH CABLE
1	1	3		B7889HA	BUTTON, MARKING--POWER
1	1	2		D8300G	ASSY, RECORDER
1	1	1		D10883AA	CABINET ENCLOSURE - 118

REV. *-01

PART NO.	REV	VARIATION	NEXT ASSEMBLY
D10804B	01	ASSY, CABINET-NEMKO	E10770E,F,G,H,J,K,P,Q,R,S,T,U
D10804C	01	ASSY, CABINET-STANDARD	E10770A,B,C,D,L,M,N

SEE TABLE 118
VER ASSY VOID-04

PROPRIETARY & CONFIDENTIAL

THIS DOCUMENT AND THE INFORMATION HEREIN ARE THE PROPERTY OF CORDMETRICS MEDICAL SYSTEMS, INC. AND NEITHER MAY BE USED FOR ANY PURPOSE, NOR DISCLOSED TO ANY PARTY, WITHOUT THE WRITTEN CONSENT OF CORDMETRICS.

DO NOT SCALE - WORK TO DIMENSIONS SHOWN. REMOVE BURRS, BREAK SHARP EDGES & CORNERS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.
FRACTIONS ± ——
2 PLACE DECIMALS ± .xx
3 PLACE DECIMALS ± .xxx
ANGLES ± x°

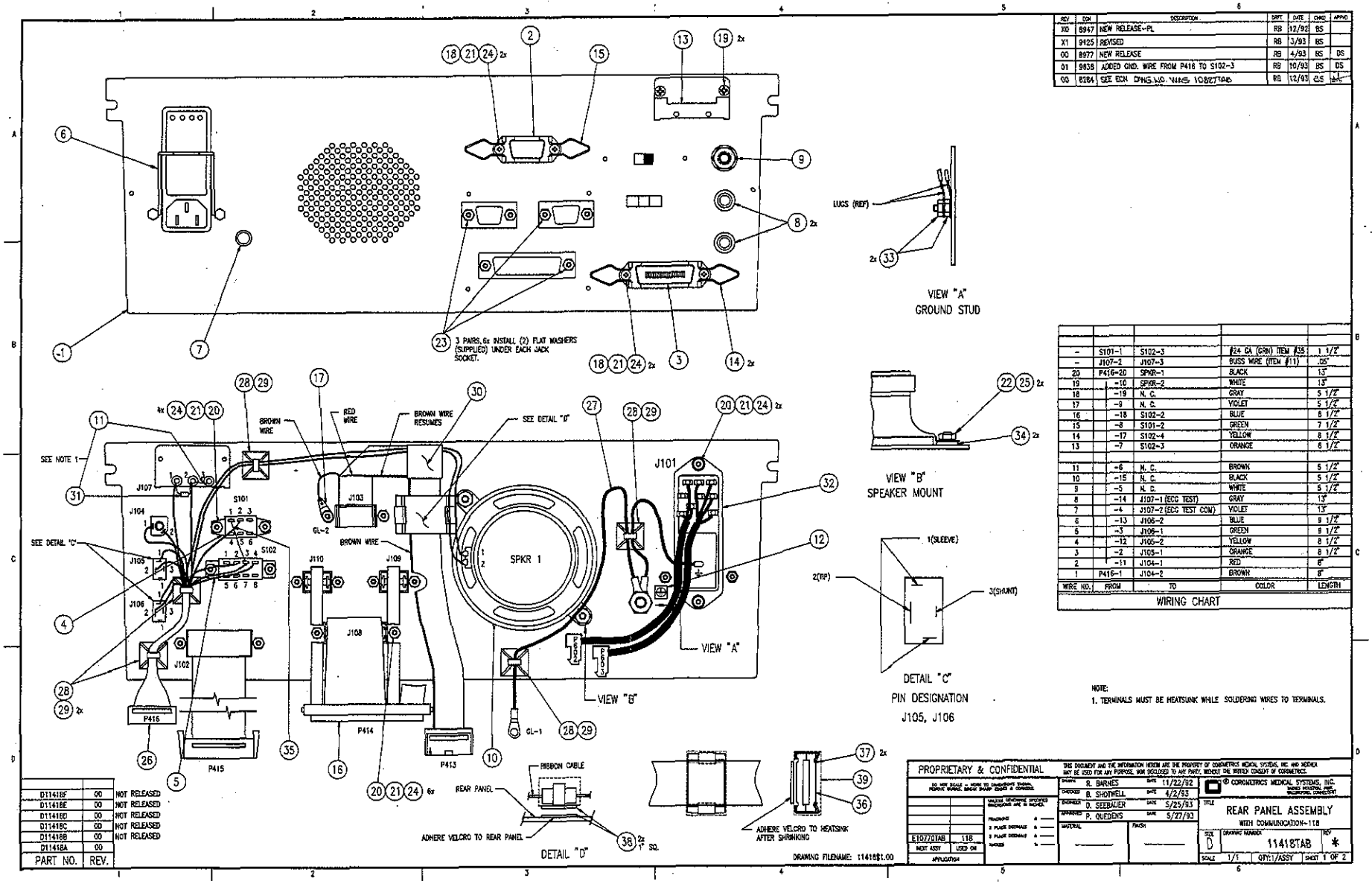
DRAWN R. BARNES 12/11/92
CHECKED B. SHOTWELL 5/26/93
ENGINEER D. SEEBAUER 5/26/93
APPROVED P.Q./R.J.O. 5/26/93
MATERIAL —— FINISH ——

® CORDMETRICS MEDICAL SYSTEMS, INC.
BEDFORD INDUSTRIAL PARK, MILLBOROUGH, MASSACHUSETTS

TITLE
CABINET ASSEMBLY
FETAL MONITOR-118

SIZE D | DRAWING NUMBER 10804TA8 | REV *
SCALE 1/1 | QTY:1/ASSY | SHEET 2 OF 2

DRAWING FILENAME: 10804$2.04



REV.	ECN	DESCRIPTION	DRFT	DATE	CHKD	APPVD
X0	8947	NEW RELEASE-PL	RB	12/92	BS	
X1	9425	REVISED	RB	3/93	BS	
00	8977	NEW RELEASE	RB	4/93	BS	DS
01	9836	ADDED GND. WIRE FROM P416 TO S102-3	RB	10/93	BS	DS
00	8184	SEE ECN ENG.W.O. WAS 10827TAB	RB	12/93	CS	

–	S101-1	S102-3	#24 GA (GRN) ITEM #35	1 1/2"
–	J107-2	J107-3	BUSS WIRE (ITEM #11)	.05"
20	P416-20	SPKR-1	BLACK	13"
19	-10	SPKR-2	WHITE	13"
18	-19	N. C.	GRAY	5 1/2"
17	-9	N. C.	VIOLET	5 1/2"
16	-18	S102-2	BLUE	8 1/2"
15	-8	S101-2	GREEN	7 1/2"
14	-17	S102-4	YELLOW	8 1/2"
13	-7	S102-3	ORANGE	8 1/2"
11	-6	N. C.	BROWN	5 1/2"
10	-15	N. C.	BLACK	5 1/2"
9	-5	N. C.	WHITE	5 1/2"
8	-14	J107-1 (ECG TEST)	GRAY	13"
7	-4	J107-2 (ECG TEST COM)	VIOLET	13"
6	-13	J106-2	BLUE	9 1/2"
5	-3	J106-1	GREEN	9 1/2"
4	-12	J105-2	YELLOW	8 1/2"
3	-2	J105-1	ORANGE	8 1/2"
2	-11	J104-1	RED	8"
1	P416-1	J104-2	BROWN	8"
WIRE NO.	FROM	TO	COLOR	LENGTH

WIRING CHART

NOTE:
1. TERMINALS MUST BE HEATSUNK WHILE SOLDERING WIRES TO TERMINALS.

PART NO.	REV.	
D11418F	00	NOT RELEASED
D11418E	00	NOT RELEASED
D11418D	00	NOT RELEASED
D11418C	00	NOT RELEASED
D11418B	00	NOT RELEASED
D11418A	00	

PROPRIETARY & CONFIDENTIAL

THIS DOCUMENT AND THE INFORMATION HEREIN ARE THE PROPERTY OF COROMETRICS MEDICAL SYSTEMS, INC. AND NEITHER MAY BE USED FOR ANY PURPOSE, NOR DISCLOSED TO ANY PARTY, WITHOUT THE WRITTEN CONSENT OF COROMETRICS.

DO NOT SCALE – REFER TO ENGINEERING DRAWING. REMOVE BURRS, BREAK SHARP EDGES & CORNERS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

FRACTIONS ±
2 PLACE DECIMALS ±
3 PLACE DECIMALS ±
ANGLES °

DRAWN	R. BARNES 11/22/92
CHECKED	B. SHOTWELL 4/2/93
ENGINEER	D. SEEBAUER 5/25/93
APPROVED	P. QUEDENS 5/27/93
MATERIAL	
FINISH	

© COROMETRICS MEDICAL SYSTEMS, INC. 1993 UNPUBLISHED WORK ALL RIGHTS RESERVED

TITLE: REAR PANEL ASSEMBLY WITH COMMUNICATION-118

E10770TAB	118
NEXT ASSY	USED ON
APPLICATION	

SIZE D | DRAWING NUMBER 11418TAB | REV *

SCALE 1/1 | QTY:1/ASSY | SHEET 1 OF 2

DRAWING FILENAME: 11418$1.00

REV	ECN	DESCRIPTION	DRFT	DATE	CHKD	APPD
—	—	SEE SHEET 1 OF 2 FOR REVS.	—	—	—	—

F	E	D	C	B	A	ITM	REFERENCE DESIGNATION	PART NUMBER	DESCRIPTION
0	0	0	0	0	0	40		160019	LOCITE 242, BLUE
.198"	.198"	.198"	.198"	.198"	.198"	39		608098	HEAT SHRINK, 2" ID
.167"	.167"	.167"	.167"	.167"	.167"	38		320015	VELCRO, 1" WIDE
2	2	2	2	2	2	37		180059	CLIP FOR BEAD SHIELD
2	2	2	2	2	2	36		180057	BEAD SHIELD
.125"	.125"	.125"	.125"	.125"	.125"	35		605105	WIRE, #24 GA. (GRN)
2	2	2	2	2	2	34		285089	WASH, FLAT NYLON, .060 THK.
2	2	2	2	2	2	33		281543	NUT, #1/4-32
1	1	1	1	1	1	32	J101	C8482A	ASSY, POWER MODULE
1	1	1	1	1	1	31		472096	RESISTOR, 121 OHM, 1/8 W, 1%
1	1	1	1	1	1	30		608065	CABLE CLAMP
5	5	5	5	5	5	29		608036	TY-RAP
5	5	5	5	5	5	28		608088	TY-RAP MOUNT
1	1	1	1	1	1	27	GL-1	88939A	ASSY, GROUND STRAP
1	1	1	1	1	1	26	P416	C8407C	ASSY, SWITCH HARNESS
2	2	2	2	2	2	25		281575	NUT #8-32 HEX
16	16	16	16	16	16	24		280291	STANDOFF, #4-40 x 3/16 HEX, 1/4 LG.
3	3	3	3	3	3	23		210175	JACKSOCKET SET
2	2	2	2	2	2	22		285016	WASH, #8 FLAT
16	16	16	16	16	16	21		285014	WASH, #4 FLAT
12	12	12	12	12	12	20		285007	WASH, #4 INT. TOOTH
2	2	2	2	2	2	19		286514	SCR, #6-32 x 3/8 LG. PHIL PAN HD.
4	4	4	4	4	4	18		284071	SCR, #4-40 x 7/16 LG. PHIL PAN HD.
1	1	1	1	1	1	17		216000	SOLDER LUG, #4 x 45°
1	1	1	1	1	1	16	J108,J109,J110	B10837A	ASSY, CABLE-COMMUNICATION
1	1	1	1	1	1	15		212300	SPRING LATCH (J103)
2	2	2	2	2	2	14		210146	SPRING LATCH (J102)
1	1	1	1	1	1	13		C8380A	ASSY, LEG PLATE TESTER
1	1	1	1	1	1	12		A84078A	LABEL, SAFETY GROUND
.06'	.06'	.06'	.06'	.06'	.06'	11		506407	BUS WIRE, #24 GA.
1	1	1	1	1	1	10	SPKR 1	130017	SPEAKER, 3 1/2
1	1	1	1	1	1	9	J104	210084	JACK, TINY TELEPHONE
2	2	2	2	2	2	8	J105, J106	210169	PHONE JACK
1	1	1	1	1	1	7		210168	POST, BINDING
1	1	1	1	1	1	6		210091	BAIL LATCH
1	1	1	1	1	1	5	S102	513016	SWITCH, SLIDE-DPTT
1	1	1	1	1	1	4	S101	513006	SWITCH, SLIDE-DPDT
1	1	1	1	1	1	3	J102	C8396A	CONN, 24 PIN ASSY.
1	1	1	1	1	1	2	J103	C8241A	CONN, 16 PIN ASSY, 9" LG.
1						1		C11418FA	REAR PANEL MARKING-ITA
	1					1		C11418EA	REAR PANEL MARKING-GER
		1				1		C11418DA	REAR PANEL MARKING-FRN
			1			1		C11418CA	REAR PANEL MARKING-SPN
				1		1		C11418BA	REAR PANEL MARKING-JAP
					1	1		C11418AA	REAR PANEL MARKING-ENG

QUANTITY

PART NO.	REV.	NEXT ASSY	LANGUAGE	VOLTAGE	
D11418F	00	E10770TAB	ITALIAN	220V/50-60	NOT RELEASED
D11418E	00	E10770TAB	GERMAN	220V/50-60	NOT RELEASED
D11418D	00	E10770TAB	FRENCH	220V/50-60	NOT RELEASED
D11418C	00	E10770TAB	SPANISH	220V/50-60	NOT RELEASED
D11418B	00	E10770TAB	JAPANESE	100V/50-60	NOT RELEASED
D11418A	00	E10770TAB	ENGLISH	120V/50-60	

DRAWING FILENAME: 11418S2.00

PROPRIETARY & CONFIDENTIAL

THIS DOCUMENT AND THE INFORMATION HEREIN ARE THE PROPERTY OF COROMETRICS MEDICAL SYSTEMS, INC. AND MUST NOT BE USED FOR ANY PURPOSE, NOR DISCLOSED TO ANY PARTY, WITHOUT THE WRITTEN CONSENT OF COROMETRICS.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS SHOWN.

FRACTIONS ± ——
3 PLACE DECIMALS ± ——
2 PLACE DECIMALS ± ——
ANGLES ± ——

SEE TABLE | 118 | NEXT ASSY | USED ON | APPLICATION

DRAWN: R. BARNES — DATE: 12/1/92
CHECKED: B. SHOTWELL — DATE: 4/2/93
ENGINEER: D. SEEBAUER — DATE: 5/26/93
APPROVED: P. QUEDENS — DATE: 5/27/93

MATERIAL: —— FINISH: ——

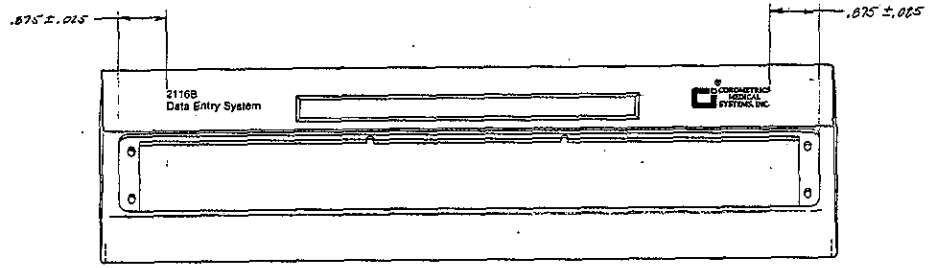
© COROMETRICS MEDICAL SYSTEMS, INC.
DIRECT INQUIRIES TO: WALLINGFORD, CONNECTICUT

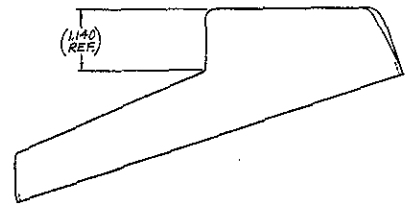
TITLE: REAR PANEL ASSEMBLY WITH COMMUNICATION-118

SIZE: D | DRAWING NUMBER: 11418TAB | REV: *

SCALE: 1/1 | QTY:1/ASSY | SHEET 2 OF 2

REVISIONS				
ECN	DESCRIPTION		DATE	APPROVAL
XO	NEW	MSH	9/85	
00	NEW RELEASE	BS	2/86	
01	EXTENDED OUTSIDE SURFACE TO EDGE. ADD NOTE 7. ECN 3676	R.A.B.	3/87	M.K.
02	MTL WAS E6920AA (9358) PS		7/92	RS
CA 00	NEW HARDLINE TYPE KEYBOARD TRANSFER SHEETED WITH NEW PASS LINE DETAILS		AUG 1994	





NOTES:

1. ALL FLASH TO BE SANDED SMOOTH, SINK MARKS TO BE FILLED.
2. PAINT OUTSIDE AND ALL EDGES (INCLUDING BOTTOM EDGE) LIGHT GREY PER CQS-100, CQ53 (LT. TEXT)
3. FINISH TO MEET COROMETRICS SPEC CQS101 AND CES190 CLASS 1.
4. MARKING COLOR TO BE DARK GREY PER SPEC. CQS-100 PANTONE 425C.
5. MARKING TO MEET QUALITY STANDARDS PER SPEC. CQS 101.
6. ARTWORK TO BE SUPPLIED BY COROMETRICS.
7. PERMISSIBLE OVERSPRAY OF INTERIOR, 20%.

PROPRIETARY & CONFIDENTIAL

THIS DOCUMENT AND THE INFORMATION HEREON ARE THE PROPERTY OF COROMETRICS MEDICAL SYSTEMS, INC. AND NEITHER MAY BE USED FOR ANY PURPOSE, NOR DISCLOSED TO ANY PARTY, WITHOUT THE WRITTEN CONSENT OF COROMETRICS.

		MATERIAL	MAKE FROM E6920CC
2nd ASY		FINISH	SEE NOTES
07023	2116B		
NEXT ASSY	USED ON		
APPLICATION			

DRAWN PS 10/17/85
CHECKED [illegible] 2-6-86
ENGINEER M. Kelly 2/4/86
APPROVED D.J. Bender 2-4-86
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FRACTIONS ± 1/2
2 PLACE DECIMALS ± .xx
3 PLACE DECIMALS ± .xxx
ANGLES ± 2°

COROMETRICS® MEDICAL SYSTEMS, INC.
WALLINGFORD, CONNECTICUT

TITLE HOUSING - KEYBOARD MARKING

SIZE D | DRAWING NUMBER 11689AA | REV. 00

SCALE FULL | 1/ASSY. | SHEET 1 OF 1

COROMETRICS MEDICAL SYSTEMS INC.	TITLE KEYBOARD PROCESSOR.BOARD ASSY	P.L. 61808	REV 01

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
1		150001	C4	CAP 5PF 500V 10% MICA	1
2		150006	C3	CAP 20PF 300V 5% MICA	1
3		152048	C9	CAP 68UF 15V 10% TANT	1
4		152075	C12,14,6,13,17	CAP 10UF 25V 10% TANT	5
5		152102	C7,8,11	CAP 1.0UF 35V 20% TANT	3
6		154034	C1,2,5,10,15,16	CAP .1UF 50V 10% CER	6
7		211322	J4	HEADER 3 CKT RT. ANGLE	1
8		212210	J2	HEADER 2 x 7 RT. ANGLE	1
9		212359	J3	HEADER 1 x 16 POLARIZED	1
10		212516	J1	HEADER 2 x 10 RT. ANGLE	1
11		215005	U4	SOCKET 40 PIN DIP	1
12		230006	Y1	CRYSTAL 6.144MHZ	1
13		400017	U7	INVERTER, DC to AC	1
14		471126	R1-R4	RES 4.7K 1/4W 5%	4
15		474005	RN1	RES NTWK 4.7K 10 PIN SIP	1
16		475070	R9	POT 10K THRU BRD ADJ	1
17		480028	D1-D8	DIODE 1N5818	8
18		486493	U2	IC, 74LS05	1
19		486549	U3	IC, 74LS157	1
20		486561	U5	IC, 74LS138	1
21		486570	U6	IC, 74LS151	1

REVISION	00	01	02	00	01
	NEW	ECN 5784 4-15-87 J.A.	ECN 5893 2-27-87 SAS	ECN 5967'8" 11-4-87 JC	ECN 6394 mm 12/9/88

DRAWN C. ERNANDEZ	CHECKED	APPROVED M. Kelley	NEXT ASSY 7102A	MODEL 2116	PG 1 OF 2 16-41

COROMETRICS MEDICAL SYSTEMS INC.	TITLE KEYBOARD PROCESSOR BOARD ASSY	P.L. 61808	REV 01

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
22		487153	U1	IC, 7660	1
23	B	7112C	U4	PREPROGRAMMED I.C. ASSY.	1
24		514013	SW1	SWITCH, PB	1
25	D	6180DA	----------	P.C. BOARD FAB	1
26		471120	R5,6,7,8,10,11	RES.,100Ω,1/4W,5 %	6
27		486677	U8,9	I.C.,74HCT244	2

REVISION

DRAWN	CHECKED	APPROVED	NEXT ASSY	MODEL	PG 2 OF 2
C. ERNANDEZ		M. Kelly	7102A	2116	

MULTIFUNCTION BOARD | P.L. 7931D | RD 00

ITEM	DWG SIZE	P/N	REF. DESIG	DESCRIPTION	QTY
1		150046	C37,39	CAP. 680Pf, 5% , MICA	2
2		151002	C31	CAP. .0022Uf, 20%,MYLAR	1
3		151012	C15,23,28	CAP. .022Uf, 20% ,MYLAR	3
4					
5		151046	C42	CAP. .01Uf, 2%,MYLAR	1
6		151047	C44,53-55,71,93	CAP. .1Uf, 2% ,MYLAR	6
7		151082	C11,25	CAP. .01UF,1%,MYLAR	2
8		151052	C65,66	CAP. .033Uf, 2% ,MYLAR	2
9		151062	C17,26	CAP. .33Uf, 2% ,MYLAR	2
10		151080	C41	CAP. .0047UF,2.5%,33V,POLYSTR	1
11		152051	C84,85	CAP. 22Uf, 10% ,15V,TANT	2
12		152069	C91	CAP. 150Uf, +50%,-10% ,35V,ALUM	1
13		152076	C1,5,34,79,81,82,87, 99,100,103	CAP. 15Uf, 20% ,20V,TANT	10
14		152080	C83,88,89	CAP. 4.7Uf, 20% ,35V,TANT	3
15		152102	C4,8-10,12,16,18-20, 22,24,27,29,30,40, 43,46,47,51,52,57, 60-62,67-70,96	CAP. 1Uf, 20% ,35V,TANT	29
16					
17		153002	C32	CAP. .001Uf, 20% ,1KV,CER	1
18		153008	C33	CAP. 15 Pf, 20% ,6KV,CER	1
19		154000	C45,72	CAP. .051Uf, 1% ,100V,MYLAR	2

REVISION							
	NEW SAS	6495 3-15-89 SAS	6524 3-31-89 SAS	6594 6/89 MH	6842 9/89 MH	6983 11/90 MH	7249 4-3-90 SAS
00	01	02	03	04	05	D'	00

DRAWN CV | CHECKED SAS | APPROVED RMJ | 8297TAB | MODE 116 | PG 1 OF 7

MULTIFUNCTION BOARD	79315	00

ITEM	DWG SIZE	PART NO.	REF DESIG	DESCRIPTION	QTY
20		154005	C2,3,6,7,13,58 73-78,90,104-106	CAP. .1Uf, 20% ,50V,CER	16
21		154009	C95	CAP. .33Uf, 10% ,50V,CER	1
22		154021	C36,38	CAP. 100Pf, 20% ,50V,CER	2
23		154023	C35,50,56,59,80,86, 49	CAP. .01Uf, 10% ,50V,CER	7
24		154045	C94	CAP. .015Uf, 10%,50V,CER	1
25		154050	C48	CAP. 1Uf, 10% ,50V,CER	1
26					
27		154022	C97,98	CAP. .001Uf, 10%, 50V, CER	2
28		150006	C101	CAP. 20pf, 5%, 300V, MICA	1
29					
30		180039	L1	INDUCTOR, 33uH 10%	1
31		1841B	T1	TRANSFORMER	1
32		211322	J3,4	CONN. 3 PIN HEADER	2
33		216062	TP1-41	TEST POINT	41
34		280177		CARD EJECTOR (R)	2
35		471102	R2,29,36,38	RESISTOR, 1M, 5%, 1/4W	4
36		471109	R39,42,60,68,135	RESISTOR, 10K, 5%, 1/4W	5
37		471110	R93,95,109,111,113, 115,117,119,137-144, 147,148,153,159,162	RESISTOR, 10 Ohm, 5%, 1/4W	21
38		471113	R40,44,45,49,51,76, 80,81,122,132-134	RESISTOR, 1K, 5% ,1/4W	12
39					

DRAWN	CHECKED	APPROVED	DATE	SHEET	OF
CV	SAS	RJV	8297TAB	116	2 7

MULTIFUNCTION BOARD 7931D REV 00

ITEM	DWG SIZE	PART NO.	REF DESIG	DESCRIPTION	QTY
40		471105	R154	RESISTOR, 2.2K, 5% ,1/4W	1
41		471120	R6-8,13,16,20,23,26, 30,37,56,57,82,84, 96,97,104,105	RESISTOR, 100 Ohm, 5%, 1/4W	18
42		471123	R11,21	RESISTOR, 22Megohm, 5% ,1/4W	2
43		471126	R46,48,67,108,110, 112,114,116,118,156, 157,158,160,161	RESISTOR, 4.7K, 5% ,1/4W	14
44		471137	R28,35	RESISTOR, 1.5Megohm, 5% ,1/4W	2
45		471138	R34	RESISTOR, 22K, 5% ,1/4W	1
46		471104	R3	RESISTOR, 330K,5%,1/4W	1
47		471149	R74	RESISTOR, 470 ohm, 5%,1/4W	1
48		471184	R1	RESISTOR, 1.2K, 5%,1/4W	1
49		471198	R123-125	RESISTOR, 680 Ohm, 5%,1/4W	3
50		471175	R41,43	RESISTOR, 5.1 Ohm, 5%, 1/4W	2
51		471183	R145,146	RESISTOR, 22 Ohm, 5% ,1/4W	2
52		471600	R126,129	RESISTOR, 1.0 Ohm, 5%,3W	2
53		471173	R155	RESISTOR, 3.3K, 5%,1/4W	1
54		472006	152 R10,25,62,85,88,149,	RESISTOR, 1K, 1%,1/8W	7
55		472008	R69	RESISTOR, 1.5K, 1%,1/8W	1
56		473937	R4,27	RESISTOR, 2K, .1%,1/8W	2
57		473916	R18	RESISTOR, 4.99K, .1%,1/8W	1
58		472017	R63	RESISTOR, 9.09K, 1%,1/8W	1

RELEASED

DRAWN CV | CHECKED SAS | APPROVED RJO | MODEL 8297TAB | 116 | SHEET 3 OF 7

		MULTIFUNCTION BOARD		PL 7931D	REV 00

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
59		472018	R73,120,130,131	RESISTOR, 10K, 1% ,1/8W	4
60		472021	R47,50,71	RESISTOR, 15K, 1% ,1/8W	3
61		472024	R58	RESISTOR, 20K, 1% ,1/8W	1
62		472035	R61	RESISTOR , 150K,1%,1/8W	1
63		472061	R121	RESISTOR, 8.87K, 1%, 1/8W	1
64		473910	R15,17,19,31	RESISTOR, 499K, .1%, 1/8W	4
65		472083	R32	RESISTOR, 475K, 1%,1/8W	1
66		472102	R70	RESISTOR, 6.19K, 1%,1/8W	1
67		472170	R86,87	RESISTOR, 1.13Meg, 1%,1/8W	2
68		472179	R106,107	RESISTOR, 226K, 1%,1/8W	2
69		472210	R89,90	RESISTOR, 100 Ohm, 1%,1/8W	2
70		472236	R77	RESISTOR, 732 Ohm, 1% ,1/8W	1
71		472240	R12	RESISTOR, 402 Ohm, 1% ,1/8W	1
72					
73		472043	R53,54	RESISTOR, 22.1K, 1% ,1/8W	2
74		472033	R59	RESISTOR, 100K, 1% ,1/8W	1
75		472211	R64	RESISTOR, 45.3K, 1%,1/8W	1
76		472056	R65	RESISTOR, 64.9K, 1%,1/8W	1
77		472198	R66	RESISTOR, 249K, 1% ,1/8W	1
78		473904	R14,22	RESISTOR, 9.76K, .1% ,1/8W	2
79		473919	R98-101	RESISTOR, 10K, .1%,1/8W	4

REVISION

DRAWN	CHECKED	APPROVED		MODEL	PG.
CV	SAS	RJO	8297TAB	116	4 OF 7

MULTIFUNCTION BOARD	7931D	00

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
80		473939	R79,83	RESISTOR, 100K, .1% ,1/8W	2
81		472939	R102,103	RESISTOR, 75K, .1% ,1/8W	2
82		472941	R92	RESISTOR, 50.5 Ohm, .1% ,1/8W	1
83		472942	R91	RESISTOR, 49.9 Ohm, .1%, 1/8W	1
84		472940	R78	RESISTOR, 267K, .1% , 1/8W	1
85		472164	R94	RESISTOR, 332K, 1% ,1/8W	1
86		471139	R136	RESISTOR, 620K, 5% ,1/4W	1
87		475021	R72	RES. VAR. 500 Ohm, 10%	1
88		475022	R33	RES. VAR. 50K, 10%	1
89		480023	D1-4,9.10,15-17,19	DIODE 1N4148	10
90		480014	D5-8, 11-14	DIODE FD300	8
91					
92		481019	D18	DIODE 1N5349	1
93					
94		483005	Q4	TRANSISTOR, 2N3906	1
95		483012	Q1,2	TRANSISTOR, MPS4355	2
96		484029	Q3,5-7,10	TRANSISTOR, 2N3904	5
97		484040	Q11	TRANSISTOR, 2N5190	1
98		483026	Q12	TRANSISTOR, 2N5193	1
99		484039	Q13	TRANSISTOR, 2N3646	1
100		486442	U18	I.C. IH5010	1

DRAWN	CHECKED	APPROVED	MODEL	PG OF
CV	SAS	RJO	8297TAB 116	5 7

MULTIFUNCTION BOARD | P.L. 7931D | 00

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
101					
102		486474	U13	I.C. 74LS74	1
103	A	8535A	U21	I.C. PROGRAMMED	1
104		486539	U3	I.C. 74LS221	1
105		486550	U6,7	I.C. 74LS393	2
106		486575	U14	I.C. 74LS30	1
107		487018	U17	I.C. 8007C	1
108		487059	U1,15,16	I.C. OP-06	3
109		487068	U11	I.C. OP07CP	1
110		487070	U4,12	I.C. TL074CN	2
111		487105	VR1	I.C. 78L12	1
112		487113	U5,9	I.C. TL072	2
113		487127	U10	I.C. OP-227	1
114		487136	VR2	I.C. 79L12	1
115		487723	U2	I.C. ISO106	1
116		487111	U22	I.C. LHG002CN	1
117		152090	C92	CAP. 1U00 Uf, 20%	1
118		150051	63,64	CAP. 150 Pf, 2%	2
119		515061	F1	FUSE ,2A,NORMAL-blo	1
120		260002	Q11,12	HEATSINK TO-126	1
121		487013	U8	I.C. LM741CN	1

DRAWN	CHECKED	APPROVED	NEXT ASSY	MODEL	PG OF
CV	SAS	RGO	8297TAB	116	6 7

MULTIFUNCTION BOARD | 7931D | 00

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
122	C	7931EA	———	P.C. BOARD	1
123		215037		PAD, INSULATION	2
124		281555		NUT, HEX, 4-40	2
125		284354		SCREW, 4-40 X 3/8	2
126		285007		LOCKWASHER, INT. TOOTH, 4-40	2
127		472235	R150, R151	RES 249 OHM 1/8W 1%	2
128		150076	C14, 21	CAP 150pf 1% MICA	2
129		473936	R9, 24	RES 20K .1% 1/8W	2
130		606411		WIRE, 26AWG GRN, WW	.167'

DRAWN CV | CHECKED SAS | APPROVED RP | NEXT ASSY 8297TAB | USED ON 116 | PG 7 OF 7

COMETRICS MEDICAL SYSTEMS INC.	TITLE: DSP BOARD	P.L: 7937B	REV: 11

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
1	C	7937EA	———	P.C BOARD	1
2					
3		152048	C30,44	CAP, 68UF,10%,15V,TANT	2
4		152051	C31-34	CAP, 22UF,10%,15V,TANT	4
5		152076	C28,29	CAP, 15UF,20%,20V,TANT	2
6		152079	C18,21,22,26,27,42	CAP, 1.0UF,20%,20V,TANT	6
7		152080	C1,2,6-9,11,20,24,	CAP, 4.7UF,20% 35V,TANT	11
			65-66		
8		154020	C64	CAP, 470PF,10%,50V,CER	1
9		154023	C3,4,5,10,12,13,14,	CAP, .01UF,10%,50V,CER	34
			,17,19,23,25,		
			35,36,37,38,39,		
			50,43,45,46,47,48,		
			51,53-58,59,60,61-		
			63		
10		154034	C15,16,40,41,49,52	CAP .1uf 10% 50V CER	6
11					
12		214200	J1	CONNECTOR,200PIN	1
13		216062	TP1-3,4,5,6,7,8	TEST POINT	8
14		180012	L1,2,3	INDUCTOR,100UH,10%	3
15					
16		471110	R57	RES, 10,¼W,5%	1
17		471113	R26,36,37,39-44,45	RES, 1K,¼W,5%	17
			51,53,54,55,61,62,63		

REVISION											
6457 NEW 2-10-89 SAS	6483 MM 3/1/89	6495 SAS 3/15/89	6615 MM 5/15 ITEMS 9 & 10 del	6620 MM 5/89 SEE ECN	6697 MM 6/89 SEE ECN	6740 SAS 7/18/89	6839 MM 9/89 SEE ECN	7553 MM 10/90 ADD #75,76,77	7371 MM 10/90 #11 WAS DA #12 QTY WAS 15	8738 CV 9/11/92 CHANGED #55	ECN 9203 5.14.93 RL
00	01	02	03	04	05	06	07	08	09	10	11

DRAWN	CHECKED	APPROVED	NEXT ASSY	MODEL	PG 1 OF 4
R.W.L	SAS	RJO	8297 TAB	116	

COROMETRICS MEDICAL SYSTEMS INC.	TITLE: DSP BOARD	P.L: 7937B	REV: 11

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
18		471115	R48,50	RES,330,¼W,5%	2
19					
20		471126	R12-15,20	RES,4.7K,¼W,5%	5
21		471135	R17	RES,200K,¼W,5%	1
22		472000	R21,22	RES,49.9,1/8W,1%	2
23		472004	R58	RES,715,1/8W,1%	1
24					
25					
26		473919	R8,9,29,31	RES,10K,1/8W,.1%	4
27		473996	R7,10	RES,15K,1/8W,.1%	2
28					
29		474007	RN1-RN4	RES,NETWORK,10K,2%	4
30		474008	RN5-RN6	RES,NETWORK,1K,2%	2
31					
32		480023	D1,2	DIODE,1N4148	2
33		480021	D3,4,5	DIODE,1N914B	3
34					
35		486581	U9,11,41,45	I.C 74F138	4
36		486667	U40	I.C HCT/LS04	1
37		486677	U4,6,20,22,50,53	I.C HCT/LS244	6
38		486680	U5,21	I.C HCT/LS373	2

REVISION

DRAWN	CHECKED	APPROVED	NEXT ASSY	MODEL	PG 2 OF 4
R.W.L	S.A.S	RJW	8297TAB	116	

OPTOMETRICS MEDICAL SYSTEMS INC.	TITLE DSP BOARD	P.L 7937B	REV 11

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
39					
40					
41		487068	U56	I.C. OP07CP	1
42	A	8770A	U25,	I.C. PREPROGRAMMED	1
43		487639	U10,26	I.C. MCM60L64P12	2
44		486205	U38	I.C. 74F02	1
45		486206	U49	I.C. 74F04	1
46		486208	U55,39	I.C. 74F11	2
47		486213	U42	I.C. 74F163	1
48		486711	U51,52	I.C. 74ACT244	2
49		486712	U16,32	I.C. 74ACT245	2
50		486211	U36,37,47,54	I.C. 74F32	4
51		487644	U35	I.C. HI-574A	1
52		487166	U33	I.C. IH5108	1
53		487637	U15,31	I.C. MCM2018N45	2
54		230028	OSC1	I.C. OSCILLATOR 40 MHz	1
55		9487519	U43	I.C. TMS320C25	1
56		215004	U25,27	SOCKET IC. 28 PIN DIP	2
57		215065	U43	SOCKET IC, 68 PIN DIP	1
58		471120	R1-5,11,16,18,19 25,30,38,52,59,60	RES 100 OHM,1/4W,5%	15

REVISION

DRAWN	CHECKED	APPROVED	NEXT ASSY	MODEL	PG
RWL	SAS	RJO	8297 TAB	116	PG 3 OF 4

CORMETRICS MEDICAL SYSTEMS INC.	TITLE: DSP BOARD	P-L: 7937B	REV: 11

ITEM	DWG SIZE	PART NUMBER	REF DESIGNATION	DESCRIPTION	QTY
59		472210	R6	RES. 100/1% , 1/8W	1
~~60~~		471198	R32-35	RES. 680 5% ¼W	4
61		471149	R24,28	RES. 470 5% ¼W	2
62		487158	U2	IC TL062B	1
63		484029	Q1	TRAN. 2N3904	1
64		483005	Q2	TRAN. 2N3906	1
65		487110	U34	IC TLO81CN	1
66	A	8771A	U27	L.C. PREPROGRAMMED	1
67		486678	U14,30	IC, 74HCT/LS245	2
68		390040	DS1-DS4	LED,RED,T1-3/4	4
69					
70		210109	JMP2	JUMPER, 2 PIN	1
71		471197	R23,27	RES 180 5% ¼W	2
72		471109	R46,47,49,56	RES 10K 5% ¼W	4
73		211211	JMP 2	2 PIN HEADER	1
74		280177		CARD EJECTOR	2
75		606411		WIRE, 26 AWG, GRN. WW	.25'
76		160041		LOCTITE	A/R
77		160042		TAK-PAK ACCELERATOR	A/R

REVISION

DRAWN	CHECKED	APPROVED	NEXT ASSY	MODEL	PG 4 OF 4
RWL	SAS	RJO	8297 TAB	116	

COROMETRICS MEDICAL SYSTEMS INC.	TITLE: POWER SUPPLY MODEL 116	P.L. 8370BA	REV. 03

ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
1		200330		B1059, HEATSINK	1
2		200331		A1013,CLAMP FOR TO-220	5
3		260027		HEATSINK	1
4		212150	J302,303	CONN,HEADER,1 X 12, .156 CTRS	2
5		211510	J301	CONN,HEADER,1 X 5, .156 CTRS	1
6		515077	F1,2,3	FUSE, 5A	3
7		215011		INSULATOR, MICA, TO3	1
8		286027		SCR. BH, 5/16L, NYLON, 6-32	1
9		281567		NUT, HEX, 6-32, NYLON	1
10		200332	L2,L3	PC538	2
11		200333	T3	PC540	1
12		200334	T2	PC560	1
13		200335	T1	PC559	1
14		200336	L1	PC561	1
15		200337	L4	PC562	1
16		487201	U1	IC. UC3842	1
17		487202	U3	IC. UC3844	1
18		487200	U5	IC. UC3524A	1
19		487129	U6	IC. LM338K	1
20		487203	U2	IC. MC78M18CT	1
21		487065	U4	IC. TL431CLP	1
22		485544	Q4,1	MOSFET, IRF540	2
23		485536	Q5	MOSFET, IRF9531	1
24		480042	D9,10	DIODE, FES8DT	2
25		480044	D3,14	DIODE, MBR1045	2

REV.	ECN #	DATE	DFT.	CHK.	APP.	REV.	ECN	DATE	DFT.	CHK.	APPR.
03	9387	8-11-93	RWL	BS	RJO						

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 1 OF 4
JC 8/89	RJO	RJO	D8298TAB	116	

9/1/93

COROMETRICS MEDICAL SYSTEMS INC.		TITLE: POWER SUPPLY MODEL 116		P.L. 8370BA	REV. 03
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
26		480046	D1,7,8	DIODE, 1N5819	3
27		480043	D11,13	DIODE, UF4004	2
28		480045	D4	DIODE, 1N4937	1
29		480023	D2,5,6,12,25	DIODE, 1N4148	5
30		484027	Q3	TRANS, PN2222A	1
31		481026	ZD3	DIODE, ZENER, 1.5KE20A	1
32		481027	ZD2	DIODE, ZENER, 5KP5.0A	1
33		481024	ZD1,4,8	DIODE, ZENER, 1N4746A	3
34		481000	ZD5	DIODE,ZENER, 1N751A	1
35		481003	ZD6	DIODE, ZENER, 1N748A	1
36		484045	Q6,7,8,9,10	TRANS, MPSA05	5
37		483030	Q2	TRANS, MPSA55	1
38		152142	C11,18	CAP. 1000UF, 63V	2
39		152052	C12,16,17,30	CAP. 2200UF, 35V	4
40		152144	C13,14,27	CAP. 22UF,50V	3
41		152145	C52	CAP. 3.3UF,50V	1
42		152137	C4	CAP. 47UF,16V	1
43		153002	C19,20,21	CAP. .01UF, 500V	3
44		154011	C5,6,8	CAP. .47UF,50V	3
45		154034	C7,25,35	CAP. .1UF,50V	3
46		154012	C29,32,33,50	CAP. .01UF,50V	4
47		154078	C1,9,10,24	CAP. .0068UF,50V	4
48		154022	C15,23,36,51	CAP. .001UF,50V	4
49		153016	C34	CAP. 470PF,50V	1
50		154070	C2,3,22,28,31,37	CAP. 220PF,50V	6
51		471637	R42	RES. .1Ω,5W	1
52		471638	R62	RES. .22Ω,2W	1
53		471639	R16-19,28,29	RES. 470Ω,2W	6
54		471640	R15	RES. 39Ω,2W	1
55		471641	R71	RES. 680Ω,2W	1
56		471219	R12,13,26,27,61	RES. 10Ω,1/2W	5

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 2 OF 4
JC 8/89	RJO	RJO	D8298TAB	116	

9/1/93

COROMETRICS MEDICAL SYSTEMS INC.	TITLE: POWER SUPPLY MODEL 116	P.L. 8370BA	REV. 03

ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
57		471222	R11	RES. 4.7Ω,1/2W	1
58		475079	R1,63	POT. 100Ω,PT10H	2
59		475080	R73	POT. 2K, PT10H	1
60		475081	R72	POT. 1K, PT10H	1
61		472303	R52	RES. 845Ω,1%	1
62		472250	R56	RES. 2.26K,1%	1
63		471149	R47	RES. 470Ω,1/4W,5%	1
64		471113	R8,14,21,36,39,48, 76,77,88,111,112	RES. 1K,1/4W,5%	11
65		471109	R33,43,49,53,58,64, 67,70,78,81	RES. 10K,1/4W,5%	10
66		471118	R20,23,51	RES. 47K,1/4W,5%	3
67		471126	R31,32,34,46,50,54, 57,59,80,82	RES. 4.7K,1/4W,5%	10
68		471105	R6,38,45,110,114	RES. 2.2K,1/4W,5%	5
69		471110	R9,41,44,102,103	RES. 10Ω,1/4W,5%	5
70		471120	R40,60,65,66	RES. 100Ω,1/4W,5%	4
71		471197	R55	RES. 180Ω,1/4W,5%	1
72		471151	R25,30	RES. 5.6K,1/4W,5%	2
73		471190	R24	RES. 3.9K,1/4W,5%	1
74		471183	R35	RES. 22Ω,1/4W,5%	1
75		471165	R10	RES. 820Ω,1/4W,5%	1
76		471114	R4	RES. 27K,1/4W,5%	1
77		471198	R5	RES. 680Ω,1/4W,5%	1
78		471185	R2,3	RES. 390Ω,1/4W,5%	2
79		471157	R113	RES. 2.7K,1/4W,5%	1
80		471170	R74	RES. 120Ω,1/4W,5%	1
81		472244	R68	RES. 1.62K,1/4W,5%	1
82		483020	Q12	TRANS. PN2907A	1
83		481025	ZD9	ZENER, 1N4753A	1
84		154023	C45	CAP. .01UF,50V,10%,CER	1

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 3 OF 4
JC 8/89	RJO	RJO	D8298TAB	116	

COROMETRICS MEDICAL SYSTEMS INC.		TITLE: POWER SUPPLY MODEL 116		P.L. 8370BA	REV. 03
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
85		152092	C40,42	CAP. 10UF,35V,20%,ALUM	2
86		152093	C39	CAP. 100UF,25,-10%+100%,ALUM	1
87		154005	C43,44	CAP. .1UF,50V,20%,CER	2
88		154015	C41	CAP. 3300PF,50V,5%,CER	1
89		211322	J304	HEADER, 3CKT,.1CTR, RT AN	1
90		211822	J305	HEADER, 8CKT, .1CTR, STRAIGHT	1
91		216062	TP1-7	TERM. TEST POINTS, LOOP TYPE	7
92		471138	R75	RES. 22K,1/4W,5%	1
93					
94					
95					
96					
97		471140	R87	RES. 220Ω,1/4W,5%,CF	1
98		472106	R79	RES. 4.75K,1/8W,1%	1
99		472023	R85	RES. 19.1K,1/8W,1%	1
100		472213	R86	RES. 1.30K,1/8W,1%	1
101		480021	D23	DIODE,1N914	1
102		480025	D15-22	DIODE, 1N4933	8
103		484029	Q11	TRANSISTOR, NPN, 2N3904	1
104		487169	U7	IC. L298	1
105		487170	U8	IC. L297	1
106		212144	J306	HEADER, 2 X 6 RT. ANGLE CONN.	1
107		471630	R83,84	RES. .499Ω,1%,1W	2
108					
109		8370BA	- - -	P.C. BOARD	1
110		152067	C26,28	CAP, 100UF,63V	2
111		- - - -	R7,37,69	RES, SAT	3

COROMETRICS MEDICAL SYSTEMS INC.	TITLE: NEW US DOPPLER BOARD	P.L. 9613D	REV. 03

ITEM	DWG. SIZE	PART NUMBER	REF. DESIGNATIONS	DESCRIPTION	QTY.
1	C	9613EA		PRINTED WIRE BOARD	1
2		154052	C95	CAP., 10PF, 5%, 100V, CER	1
3		154090	C96	CAP., 18PF, 5%, 50V, NPO	1
4		154089	C3,92,93	CAP., 180PF, 5%, 50V, NPO	3
5		154091	C55,82	CAP., 390PF, 5%, 50V, NPO	2
6		154092	C5,16,23,24	CAP., 820PF, 5%, 50V,NPO	4
7		152073	C43,73	CAP., 2.2UF, 10%, 20V, TANT	2
8		152075	C2,4	CAP., 10UF, 10%, 25V, TANT	2
9		152048	C45,46,75,76	CAP., 68UF, 10%, 15V, TANT	4
10		154041	C27,32,34,37,56,59, 62,64,67,87,98	CAP., .0068UF, 10%, 100V, CER	11
11		154023	C18,19,52,81	CAP., .01UF, 10%, 50V, CER	4
12		154045	C26,44,58,74	CAP., .015UF, 10%, 50V, CER	4
13		154034	C7,10,28-31,33,35, 36,41,42,47-50,54, 57,60,61,63,65,66, 71,72,77-80,85,86	CAP., .1UF, 10%, 50V, CER	30
14		152102	C1,6,8,9,11-14,20-22,38-40,51,53,68-70,83,84,88-91,94, 99,100,102-112	CAP., 1UF, 20%, 35V, TANT	39
15		154069	C97	CAP. VAR. 5-40PF	1
16		180051	L1-3	CHOKE 22UH, 5%	3
17		180072	L5	COIL ADJ. 17-25UH	1
18		180032	L4	COIL ADJ 68-120UH	1
19		211112	J3,4	CONN., SMB, RANG PC MALE	2
20		211322	J5,6	CONN. 3 PIN HDR RA	2
21		211316	J7	CONN. 3 PIN HDR	1
22		180004	L6	CHOKE 15UH	1

REV.	ECN #	DATE	DFT.	CHK.	APP.	REV.	ECN	DATE	DFT.	CHK.	APPR.
00	8977	2-93	RWL	BS	RJO						
01	9278	6-93	RL								
02	9463	9-93	RL								
03	9922	3/94	SAS	BS	RJO						

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 1 OF 3
RWL	SAS 8-19-92	RJO	10231/10241	116	

3/23/94

COROMETRICS MEDICAL SYSTEMS INC.	TITLE: NEW US DOPPLER BOARD	P.L. 9613D	REV. 03

ITEM	DWG. SIZE	PART NUMBER	REF. DESIGNATIONS	DESCRIPTION	QTY.
23		216062	TP1-8	TEST POINTS, LOOP TYPE	8
24		280177		EJECTOR-RED	2
25		230037	X1	CRYSTAL 4.604MHZ	1
26		472140	R119-122	RES., 34.8Ω, 1/8W, 1%	4
27		472210	R6,13,15,40,41,51, 55,65,78,79,88,102, 105,107,108,110, 115-118	RES., 100Ω, 1/8W, 1%	20
28		472072	R1,5,7,8,28	RES., 200Ω, 1/8W, 1%	5
29		472150	R114,127	RES., 243Ω, 1/8W, 1%	2
30		472240	R9	RES., 402Ω, 1/8W, 1%	1
31		472262	R111,112	RES., 562Ω, 1/8W, 1%	2
32		472006	R2,3,14,18,106,109, 124	RES., 1K, 1/8W, 1%	7
33		472247	R113,125,126	RES., 1.65K, 1/8W, 1%	3
34		472068	R12,62,97	RES., 4.22K, 1/8W, 1%	3
35		472013	R22,23,38,76,128, 129	RES., 4.99K, 1/8W, 1%	6
36		472095	R10,19-21,66,104	RES., 7.15K, 1/8W, 1%	6
37		472116	R17,24,25,33,71	RES., 12.7K, 1/8W, 1%	5
38		472024	R43-45,47,48,50,54, 56,81-83,85,86,89, 90,92	RES., 20K, 1/8W, 1%	16
39		472307	R36,74	RES., 14.3K, 1/8W, 1%	2
40		472043	R42,80	RES., 22.1K, 1/8W, 1%	2
41		472291	R11,35,37,46,52,57, 58,73,75,84,91,93,95	RES., 28.7K, 1/8W, 1%	13
42		472207	R29,68	RES., 36.5K, 1/8W, 1%	2
43		472042	R49,87	RES., 43.2K, 1/8W, 1%	2
44		472178	R60,99	RES., 71.5K, 1/8W, 1%	2
45		472068	R30,31,67,69	RES., 73.2K, 1/8W, 1%	4
46		472199	R59,98	RES., 78.7K, 1/8W, 1%	2
47		472093	R26,27	RES., 121K, 1/8W, 1%	2
48		472100	R53,94	RES., 280K, 1/8W, 1%	2
49		472254	R64,123	RES., 365K, 1/8W, 1%	2
50		472188	R63,100	RES., 422K, 1/8W, 1%	2

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 2 OF 3
RWL	SAS 8-19-92	RJO	10231/10241	116	

3/23/94

COROMETRICS MEDICAL SYSTEMS INC.		TITLE: NEW US DOPPLER BOARD		P.L. 9613D	REV. 03
ITEM	DWG. SIZE	PART NUMBER	REF. DESIGNATIONS	DESCRIPTION	QTY.
51		472308	R61,103	RES., 787K, 1/8W, 1%	2
52		472041	R96,101	RES., 1M, 1/8W, 1%	2
53		475011	R32,70	RES., POT 10K, 10%, TOP ADJ	2
54		483005	Q4	TRANSISTOR, 2N3906	1
55		484039	Q1,2	TRANSISTOR, 2N3646	2
56		484029	Q3,5,7	TRANSISTOR, 2N3904	3
57		480021	D1,6-17	DIODE, 1N914	13
58		480053	D2-5	DIODE, UM4001B	4
59		485547	Q6	FET U406	1
60		486786	U1,4	IC, DG444	2
61		486785	U2	IC, DG271	1
62		487217	U5,6,9,10	IC, TL034	4
63		487218	U8,12	IC, TL032	2
64		487151	VR1,4	V. REG. LM317L	2
65		487105	VR2	V. REG. 78L12	1
66		487136	VR3	V. REG. 79L12	1
67		487141	U7,11	IC, SL6270	2
68	A	9981A	U17	PRE GRM IC COUNTER DECODER	1
69		486407	U19	IC, 7404	1
70		486674	U13-16	IC, 74HCT/LS163A	4
71		515513		GND (FUSE) CLIP	1
72		606407		BUS WIRE	.25'
73		9980B	U18	PRE GRM IC TIMING GEN	1
74		475037	R4	RES., POT, 50K,10%, TOP ADJ.	1
75		472009	R16	RES., 2.00K, 1/8W, 1%	1
76		472312	R39,77	RES., 590K, 1/8W,1%	2
77		472198	R34,72	RES., 249K, 1/8W,1%	2
78		487070	U3	I.C., TL074CN	1
79		211211	J8	CONN., HDR, 2 PIN	1
80		210109		JUMPER, 2 PIN	1
81		154011	C17	CAP., .47UF, 20%, 50V, CER	1
82		154098	C15	CAP. 200PF,50V,5%	1

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 3 OF 3
RWL	SAS 8-19-92	RJO	10231/10241	116	

3/23/94

COROMETRICS MEDICAL SYSTEMS INC.	MODEL 118 PERIPHERAL BOARD ASSEMBLY	P.L. 10621A	REV. 05

ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
1		10621BA	--------	P.C. BOARD	1
2		9150000	C41,42,46	CAP. 10PF, 5%, 100V, MICA	3
3		9150001	C29,30,255	CAP. 50PF, 5%, 100V, MICA	3
4		9150002	C73	CAP. 470PF, 5%, 100V, MICA	1
5		9152001	C19-22,38,241,242	CAP. 1UF, 10%, 35V, TANT	7
6		9152003	C40,43-45,47-51,55, 58-62,120,121,258	CAP. 4.7UF, 10%, 35V, TANT	18
7		9152006	C69-72,235-237, 240	CAP. 15UF, 10%, 20V, TANT	8
8		9152007	C27,33,64-67	CAP. 22UF, 10%, 16V, TANT	6
9		9154001	C34	CAP. 15PF, 5%, 50V, CER	1
10		9154012	C52	CAP. 3300PF, 5%, 50V, CER	1
11		9154017	C1-18,23,24,26,31, 32,75-118,122-129, 223-226,243-254	CAP. .01UF, 10%, 50V, CER	91
12		9154023	C56,57,256,257	CAP. .033UF, 20%, 100V, CER	4
13		9154027	C25,39,53,54,63,74, 238,239	CAP. .1UF, 20%, 50V, CER	8
14		9150005	C35	CAP. 5PF, +/-.5PF, 500V, MICA	1
15		152154	C68	CAP. 68UF, 10%, 15V, TANT	1
16		9470025	R36,38,77,96,101, 109,131	RES. 10Ω, 1/4W, 5%	7
17		9470049	R46,79,80,90,97-100,102-108	RES. 100Ω, 1/4W, 5%	15
18		9470053	R23	RES. 150Ω, 1/4W, 5%	1
19		9470056	R48,50	RES. 200Ω, 1/4W, 5%	2
20		9470061	R24,32	RES. 330Ω, 1/4W, 5%	2
21		9470065	R58,60,64,66,86,87	RES. 470Ω, 1/4W, 5%	6
22		9470073	R1,5,6,9,13,17,18, 42,44,117-124	RES. 1K, 1/4W, 5%	17
23		9470079	R20,25,26,31	RES. 1.8K, 1/4W, 5%	4

REV.	ECN #	DATE	DFT.	CHK.	APP.	REV.	ECN	DATE	DFT.	CHK.	APPR.
00	8932	10/92	J.C.	SAS		05	0B89	8/94	RL	BS	WK
01	8985	1-93	JC	E.M.							
02	9100	3-10-93	SAS	BS	rjo						
03	9287	5-93	JCH	SAS							
04	9310	6-8-93	RL	BS	RN						

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 1 OF 4
J. CUSANO	S. Strong 12-14-92	P. Saubestre	10770A	118	

8/4/94

COROMETRICS MEDICAL SYSTEMS INC.			MODEL 118 PERIPHERAL BOARD ASSEMBLY		P.L. 10621A	REV. 05
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION		QTY.
24		9470089	R15,19,21,22,27-30, 33,39-41,95,126,127	RES. 4.7K, 1/4W, 5%		15
25		9470121	R43	RES. 100K, 1/4W, 5%		1
26		9470154	R45	RES. 2.4MEG, 1/4W, 5%		1
27		9472163	R65,78,110	RES. 49.9Ω, 1/8W, 1%		3
28		9472324	R76,85,115	RES. 2.37K, 1/8W, 1%		3
29		9472338	R52	RES. 3.32K, 1/8W, 1%		1
30		9472356	R51	RES. 5.11K, 1/8W, 1%		1
31		9472372	R116	RES. 7.5K, 1/8W, 1%		1
32		9472380	R68,82,114	RES. 9.09K, 1/8W, 1%		3
33		94723[illegible]	R11,12,14,34,35,54, 56,62,71,72,93	RES. 10K, 1/8W, 1%		11
34		947240[illegible]	R70,84,112	RES. 17.4K, 1/8W, 1%		3
35		9472413	R53,55,57,59,61,63	RES. 20K, 1/8W, 1%		6
36		9472447	R74	RES. 45.3K, 1/8W, 1%		1
37		9472451	R88,89,129,130	RES. 49.9K, 1/8W, 1%		4
38		9472509	R75	RES. 200K, 1/8W, 1%		1
39		9472530	R92	RES. 332K, 1/8W, 1%		1
40		9470041	R128	RES. 47Ω, 1/4W,5%		1
41		9475005	R67,81,113	RES. VARIABLE, 2K, 10%		3
42		9475006	R47,49	RES. VARIABLE, 50K, 10%		2
43		9475011	R69,83,111	RES. VARIABLE, 5K, 10%		3
44		9474001	RN2-13	RES. NETWORK, 4.7K, 2%		12
45						
46		9480001	D1,2	DIODE, RLR4001		2
47		9486408	U54	I.C. 74F08		1
48		9486402	U18	I.C. 74LS10		1
49		9486403	U61	I.C. 74LS32		1
50		9486601	U14	I.C. 4020		1
51		9486605	U53	I.C. 74HCT00		1
52		9486606	U41	I.C. 74HCT02		1
53		9486607	U7,28,40,70	I.C. 74HCT04		4
54		9486608	U31	I.C. 74HCT09		1

COROMETRICS MEDICAL SYSTEMS INC.		MODEL 118 PERIPHERAL BOARD ASSEMBLY		P.L. 10621A	REV. 05
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
55		9486609	U69	I.C. 74HCT10	1
56		9486610	U30	I.C. 74HCT27	1
57		9486611	U4,16,33,39,74,76	I.C. 74HCT32	6
58		9486612	U5,6,71	I.C. 74HCT74	3
59		9486656	U34,35,42	I.C. 74ACT163	3
60		9486616	U13	I.C. 74HCT153	1
61		9486617	U29,36,38,43	I.C. 74HCT163	4
62		9486618	U32,75	I.C. 74HCT164	2
63		9486619	U27,44,52	I.C. 74HCT165	3
64		9486621	U26,45,46,63	I.C. 74HCT244	4
65		9486623	U77	I.C. 74HCT365	1
66		9486624	U24,25,47,48,59	I.C. 74HCT373	5
67		9486625	U15	I.C. 74HCT393	1
68		9486627	U65,66	I.C. 74ACT138	2
69		9487001	U17	I.C. LM339	1
70		9487009	U8,10-12	I.C. TL064CN	4
71		9487013	VR2	I.C. 78L12	1
72		9487014	VR1	I.C. 79L12	1
73		9487017	U78	I.C. 14C88	1
74		9487018	U73	I.C. 14C89	1
75		9487019	U1	I.C. DG211	1
76		9487501	U68	I.C. 85C30	1
77		9487505	U20-23,79	I.C. 7528	5
78		487027	U72	I.C. 7960	1
79		9487520	U50	I.C. MC68681	1
80	A	11151A	U67	I.C. PROGRAMMED COMM RECORDER	1
81		9486417	U49,62,64	I.C. 74LS244	3
82		9487040	U9	I.C. LM324	1
83					

COROMETRICS MEDICAL SYSTEMS INC.		MODEL 118 PERIPHERAL BOARD ASSEMBLY		P.L. 10621A	REV. 05
ITEM	*SIZE*	*PART #*	*REF. DESIGNATIONS*	*DESCRIPTION*	*QTY.*
84		211316	JMP1,2	HEADER, 3 PIN	2
85		210109	JMP1,2,3	JUMPER	3
86		214200	J1	CONN. 200 PIN	1
87		211322	J2	CONN. 3 PIN R.A. AMP	1
88		514021	SW1,2	SWITCH, 8 POS. DIP	2
89		560006	T1	TRANSFORMER	1
90		230013	X1	CRYSTAL, 14.2819MHz	1
91		230035	X2	CRYSTAL, 3.6864MHz	1
92		216062	TP1-15	TEST POINT, LOOP TYPE	15
93		9486418	U60	I.C. 74LS373	1
94		212363	J3	CONN. 2 x 8 R.A.	1
95	A	11143A	U19	I.C. PREPROGRAMMED	1
96		9487522	U37	I.C. IDT7132LA55L52	1
97		9486655	U55-58	I.C. 74HCT191	4
98		487205	VR3	I.C. LM2940CT-12	1
99		9470057	R125	RES. 220Ω, 1/4W, 5%	1
100		211211	JMP3	HDR. 2 PIN	1
101		280332	X1,2	RATTAIL (2")	2
102		284074	VR3	SCREW, 4-40,1/4" PHL, PAN HEAD	1
103		281561	VR3	NUT, HEX, 4-40, SS	1
104		9472267	R132	RES. 604Ω,1/8W,1%	1
105		9472326	R133	RES. 2.49K,1/8W,1%	1
106		606409		KYNAR WIRE, #30 GA.	.292'
107		160042		ACCELERATOR TAK PAK	A/R
108		280177		CARD EJECTORS	2

COROMETRICS MEDICAL SYSTEMS INC.		CPU BOARD		P.L. 10622B	REV. 03
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
1		10622DA	- - - -	P.C. BOARD	1
2		150016	C64,66	CAP., 50PF, 5%, 500V,MICA	2
3		152154	C8	CAP., 68UF, 20V, 10%, TANT	1
4		152155	C9-12	CAP., 22UF, 16V, 20%, TANT	4
5		152156	C32,33,36,37	CAP., 4.7UF, 35V, 20%, TANT	4
6		153005	C1	CAP., .022UF, 20%, 20V, CER	1
7		154020	C2	CAP., 470PF, 10%, 50V, CER	1
8		154023	C4,34,41,42,44,51, 53,59	CAP., .01UF, 50V, 10%, CER	8
9		154097	C3,5-7,13-31,35, 38-40,43,45-50,52, 54-58,60-63,65	CAP., .01UF,100V,20%,AXIAL	45
10		210109	JMP5	JUMPER,2 POS	1
11		211211	JMP3,4,5	2 PIN HEADER	3
12		214200	J1	CONN., 200 PIN	1
13		215067	U38,39	SOCKET I.C., 32 PIN DIP	2
14					
15		216062	TP1-22	TEST POINT	22
16		230027	X1	CRYSTAL, 2.4576 MEG	1
17		280177	- - - -	CARD EJECTORS (R)	2
18					
19		471109	R9,31,36.48	RES., 10K, 1/4W, 5%	4
20		471110	R18.19	RES., 10Ω, 1/4W, 5%	2
21		471113	R2-8,10-17,22-28, 32-35,37-39,44-47, 49,51,53-57,59,60, 62,63	RES., 1K, 1/4W, 5%	44
22		471126	R29,41-43,58	RES., 4.7K, 1/4W, 5%	5

REV.	ECN #	DATE	DFT.	CHK.	APP.	REV.	ECN	DATE	DFT.	CHK.	APPR.
X1	- -					02	9124	3-93	RWL	BS	ROC
X2						'B 00	9346	6-93	JC		
X3						01	9308	6-93	RWL	BS	SD
00	8947	12-92	RJB			02	9366	8-93	SAS		
01	9100	3-93	SAS	BS	RJO	03	9539	9-93	MM	BS	RJO

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 1 OF 3
C. VERNA	SAS	RJO RJO	10626A	118	

9/17/93

COROMETRICS MEDICAL SYSTEMS INC.	CPU BOARD	P.L. 10622B	REV. 03

ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
23		471130	R1	RES., 51K, 1/4W, 5%	1
24		471146	R30	RES., 33K, 1/4W, 5%	1
25					
26		474005	RN2	RES. NETWORK, 4.7K, 2%	1
27		474008	RN1	RES. NETWORK, 1K, 2%	1
28		480021	D1	DIODE, 1N914B	1
29		471107	R50,52	RES., 1.5K, 1/4W, 5%	2
30		486206	U24,42	I.C., 74F04	2
31		486207	U30	I.C., 74F08	1
32		486209	U23,32	I.C., 74F27	2
33		486210	U9	I.C., 74F30	1
34		486211	U12,22	I.C., 74F32	2
35		486212	U43	I.C., 74F148	1
36		486216	U21	I.C., 74F251	1
37		486467	U48	I.C., 74LS00	1
38		486479	U16	I.C., 74LS93	1
39		486539	U18	I.C., 74LS221	1
40		486213	U25	I.C., 74F163	1
41		486586	U46	I.C., 74LS148	1
42		486591	U20	I.C., 74F164	1
43		486665	U19	I.C., 74HCT00	1
44		486672	U6	I.C., 74HCT138	1
45		486675	U11	I.C., 74HCT164	1
46		486677	U49,50	I.C., 74HCT244	2
47		486678	U14,29,41,51,54	I.C., 74HCT245	5
48		486680	U28,40	I.C., 74HCT373	2
49		486687	U27	I.C., 74HCT10	1
50		486702	U17	I.C., 4020	1
51		486494	U8,10	I.C., 74LS09	2
52		486711	U52,53	I.C., 74ACT244	2
53		486712	U55,56	I.C., 74ACT245	2
54		487137	U2	I.C., 1488	1

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 2 OF 3
C. VERNA	SAS	RJO	10626A	118	

9/17/93

COROMETRICS MEDICAL SYSTEMS INC.		CPU BOARD		P.L. 10622B	REV. 03
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
55		487138	U1	I.C., 1489A	1
56		487593	U35	I.C., MK48Z02	1
57		487619	U34	I.C., MK48T02	1
58		487686	U13	I.C., MC68000	1
59		487642	U31	I.C., MC68901P	1
60		487643	U15	I.C., MC68440	1
61					
62		487667	U36,37	I.C., 628128-10	2
63		606407	X1	BUS, 24 AWG	A/R
64		211316	J2,3	CONN, 3 PIN	2
65		230040	OSC1	OSCILLATOR, 32MHZ	1
66		471188	R61	RES., 33Ω,1/4W,5%	1
67		608050	- -	TUBING, TELFON	.021'
68		215006	U34,35	I.C. SOCKET, 24 PIN	2
69	A	11135A	U33	I.C. PREPROGRAMMED	1
70	A	11136A	U26	I.C. PREPROGRAMMED	1
71					

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 3 OF 3
C. VERNA	SAS	RJO RJO	10626A	118	

9/17/93

COROMETRICS MEDICAL SYSTEMS INC.	118 MOTHER BOARD	P.L. 10725A	REV. 05

ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
1		10725BA	- -	P.C. BOARD	1
2	C	8323B	J412	COAX CABLE ASSEMBLY	1
3					
4		152052	C8,19,20	CAP. 2200UF,+75-10%,25V, ALUM	3
5		154011	C18	CAP. .47UF,50V,20%,CER	1
6		154022	C9-15	CAP. 1000PF,10%,50V,CER	7
7		154023	C1-6	CAP. .01UF,10%,50V,CER	6
8		154034	C16	CAP. .1UF,10%,50V,CER	1
9		152157	C17	CAP. 47UF,35V,20%,TRI-LEG, TANT	1
10		152153	C7	CAP. 1UF,35V,20%,TRI-LEG, TANT	1
11					
12		211316	J407	CONN 1 X 3 MODU HDR	1
13		211331	J406	CONN. 3 PIN MTA HDR.	1
14		211629	J402,403	CONN 2 X 3 MODU HDR	2
15		211822	J404	CONN 2 X 4 MODU HDR	1
16		212009	J426	CONN 2 X 5 MODU HDR	1
17		212030	J424,425	CONN 2 X 5 ANSLEY	2
18		212120	J401	CONN 2 X 6 MODU HDR	1
19		212150	J409,410	CONN 1 X 12 STRAIGHT .156	2
20		212360	J413	CONN 2 X 8 RIBBON HDR	1
21		212514	J416	CONN 2 X 10 RIBBON HDR	1
22		212715	J415	CONN 2 X 12 RIBBON HDR	1
23		212807	J408	CONN 2 X 13 MODU HDR	1
24		213203	J405	CONN 2 X 17 RIBBON HDR	1
25		213700	J420-423	CONN 2 X 24 CARD EDGE	4
26		213814	J414	CONN 2 X 25 RIBBON HDR	1

REV.	ECN #	DATE	DFT.	CHK.	APP.	REV.	ECN	DATE	DFT.	CHK.	APPR.
00	8947	12-92	RJB		RJO	05	0B07	7-20-94	RL	BS	RJO
01	9100	3-93	SAS								
02	9287	5-93	SAS								
03	9425	8-93	RWL	BS	RJO						
04	0A11	4-94	RL	BS	TK						

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 1 OF 2
C. VERNA	SAS	RJO	10770A	118	

7/20/94

COROMETRICS MEDICAL SYSTEMS INC.		118 MOTHER BOARD		P.L. 10725A	REV. 05
ITEM	SIZE	PART #	REF. DESIGNATIONS	DESCRIPTION	QTY.
27		214201	J417-419	CONN 2 X 100 HEADER	3
28					
29		471110	R2-27	RES. 10Ω,1/4W,5%	26
30		471611	R1	RES. 20Ω,1W,5%	1
31		487205	VR1	VOLTAGE REG. LM2940CT-12	1
32		471600	R28	RES. 1Ω,3W,5%	1
33					
34		608118		SHRINK TUBING	.104'
35		605250		WIRE, #18 GA. BLACK	.33'
36		160042		ACCELERATOR TAK PAC	A/R
37		216062	TP3	TERM LOOP TYPE	1
38		606403	JMP1	BUS WIRE, #22	.04'

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 2 OF 2
C. VERNA	SAS	RJO	10770A	118	

7/20/94

COROMETRICS MEDICAL SYSTEMS INC.	TITLE: 118 NELLCOR INTERFACE	P.L. 10734A	REV. 02

ITEM	DWG. SIZE	PART NUMBER	REF. DESIGNATIONS	DESCRIPTION	QTY.
1		10734BA		P.C. BOARD FAB	1
2		330010		PULSE OXIMETRY MODULE	1
3		152075	C4	CAP., 10UF, 25V, 10%, TANT	1
4		154011	C2	CAP., .47UF, 50V, 20%, CER	1
5		154023	C5,6	CAP., .01UF, 50V, 10%, CER	2
6		154034	C3,7,8	CAP., .1UF, 50V, 10%, CER	3
7		284074		SCREW, NYLOK #4-40 X 1/4	4
8		212030	J1	CONN., 2 X 5 RECEPT.	1
9	B	10524A	J2	CABLE ASSY	1
10		281550		PEMNUT #4-40	4
11		216062	TP1-6	TERM.	6
12		210109	JP4,W2	JUMPER	2
13		280019		STANDOFF #4-40 X 1/4 M-F	4
14		472055	R4	RES., 825Ω, 1%, 1/8W	1
15		472099	R5	RES., 499Ω, 1%, 1/8W	1
16		472143	R1-3	RES., 1.1K, 1%, 1/8W	3
17		285045		WASHER, SHOULDER, NYLON #4	3
18		484025	Q1	TRANS., 2N4401	1
19		285058		WASHER, NYLON #4	1
20		486667	U1	IC, 74HCT04	1
21		487188	U7	IC, OP-97	1
22		487192	VR1	IC, LT1021	1
23		400068	U2	IC, PWR 1300-A DC/CONV.	1
24		487726	U4-6	IC, HCPL2232	3
25		400067	U3	IC, PWR 1305-A DC/CONV.	1

REV.	ECN #	DATE	DFT.	CHK.	APP.	REV.	ECN	DATE	DFT.	CHK.	APPR.
00	8947	12-92	RJB								
01	9100	3-93	SAS	BS	RJO						
02	9577	9-93	JC	BS	RJO						

DRAWN	CHECKED	APPROVED	NEXT ASSY.	MODEL	PAGE 1 OF 1
R. LIBBY	SAS	RJO	10770A	118	

9/20/93